

Name: _____

ET_1021 version 18

Consider the L-system (and angle) defined below:

- Start: [+A] [-B]

- Rules:

$$A > [-CA-CB]A$$

$$B > [+CB+CA]B$$

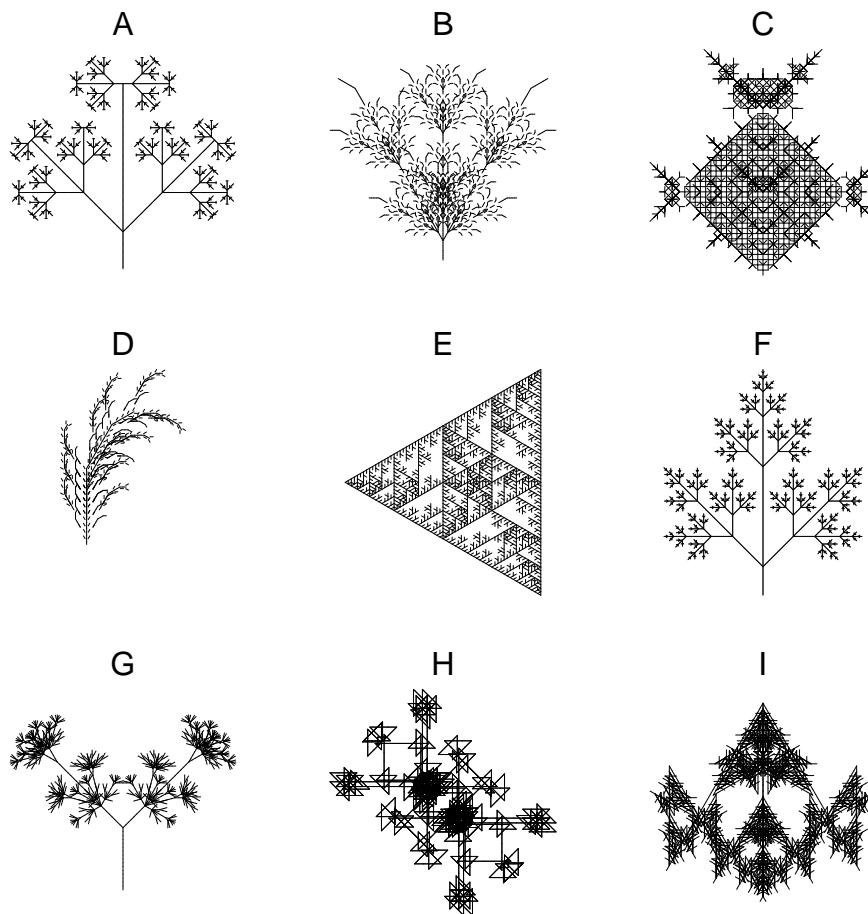
$$C > CC$$

- Number of recursions (number of iterations): 6

- Angle: 150°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

I

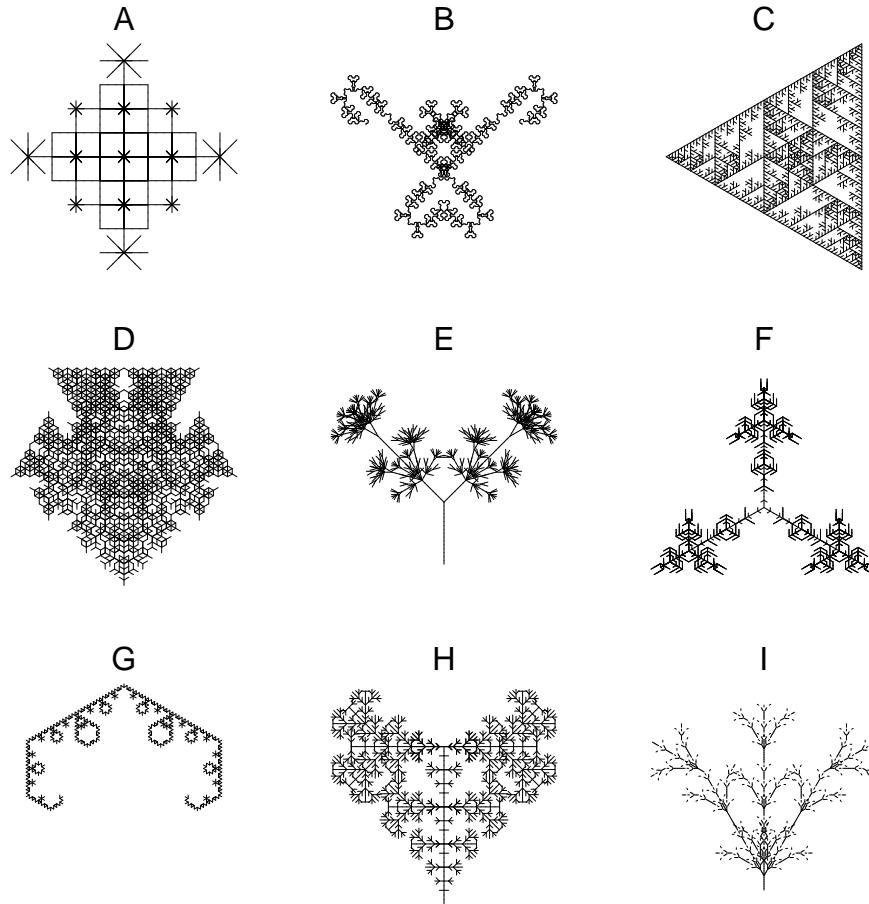
Consider the *L*-system (and angle) defined below:

- Start: GA
- Rules:
 - A > [---BC] [++BC]
 - B > F [--AC] [++AC]
 - C > FF [-BA] [+BA]
 - F > FF
 - G > F

- Number of recursions (number of iterations): 5
- Angle: 15°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

E